INDEX

JANUARY/FEBRUARY
MARCH/APRIL
MAY/JUNE
JULY/AUGUST
SEPTEMBER/OCTOBER
NOVEMBER/DECEMBER

A

ABS (Alternate Billing Services), Sept/Oct, p. 5.
acronyms, speech synthesis of, July/Aug, p. 16.
active-matrix liquid-crystal display (AMLCD), July/Aug, p. 23.
Advanced Call Management Services (ACMS), July/Aug, p. 20.
Advanced Intelligent Network (AIN), Jan/Feb, pp. 32, 33; May/June, pp. 5, 7.
advanced television (ATV), March/April, p. 7; July/Aug, p. 18.
Alpha Tel, March/April, p. 31.
Alternate Billing Services (ABS), May/June, p. 19; Sept/Oct, pp. 5, 8-13.
Alvarez, Walter and Luis, Jan/Feb, pp. 13-14.
American Productivity and Quality Center, March/April, p. 28.
American Society for Quality Control, March/April, p. 28.
Ameritech, May/June, p. 19.
Andrew Message System, Nov/Dec, p. 3.
anywhere-call-pickup service, Sept/Oct, p. 21.
area codes, March/April, pp. 22-26.
Arnold, Hamilton W., "Spectra and standards," Sept/Oct, p. 22.
ASCII (American Standard Code for Information Interchange), Nov/Dec, p. 5.
asynchronous transfer mode (ATM), Jan/Feb, p. 30; July/Aug, p. 10.
asynchronous work, Nov/Dec, pp. 10, 11.
AT&T, Sept/Oct, pp. 9, 10, 12, 13.
ATOMICMAIL™ language, Nov/Dec, p. 6.
Automated Alternate Billing Service (AABS), May/June, p. 19.
Automated Customer Name and Address (ACNA), May/June, p. 19; July/Aug, pp. 12, 16.
Automated Reliability Prediction Procedure (ARPP), May/June, p. 24.

B

Malcolm Baldrige National Quality Award, March/April, pp. 27-31.
Batcher-banyan switch, Jan/Feb, p. 25.
Bell Atlantic, July/Aug, p. 20.
Bell System Purchased Product division, March/April, p. 28.
Bell Telephone Laboratories, Sept/Oct, p. 25.
BellSouth, Jan/Feb, p. 21; Sept/Oct, p. 12.
BETRS (Basic Exchange Telecommunications Radio Service), Sept/Oct, p. 22.
BEXR (Basic Exchange Radio service), Sept/Oct, p. 22.
Borenstein, Nathaniel, *An expanding universe of electronic communication*, Nov/Dec, pp. 2-7.
Bromley, D. Allan, July/Aug, p. 11.
Brush, Gary G., *A more personal kind of communication*, Sept/Oct, pp. 18-23.
Buja, Andreas, *Getting more out of switch memory*, Nov/Dec, pp. 18-23.
Burnett, Michael J., PROFILE *Jack Fiorito — Doing a capital job*, Jan/Feb, pp. 19-22.
Butler, Christine H., *A more personal kind of communication*, Sept/Oct, pp. 18-23.
By the numbers: Delivering digital video signals, Cheng-Tie Chen, Kou-Hu Tzou, Jan/Feb, pp. 2-7.

C

Caller Identification service, March/April, pp. 13-15; July/Aug, p. 17.
Canada, March/April, pp. 16-21.
Carnegie Mellon University, Nov/Dec, p. 3.
Caruso, Richard E., NORTH STAR *Network services: The revenue opportunity of the '90s*, May/June, pp. 2-7.
cathode-ray tube (CRT), July/Aug, pp. 18, 22.
cause-and-effect diagrams, March/April, p. 30.
CCIR (International Radio Consultative Committee), Jan/Feb, p. 4; Sept/Oct, p. 22.
CCITT (International Telegraph and Telephone Consultative Committee), Jan/Feb, p. 7; July/Aug, pp. 2-6; Nov/Dec, p. 7; Review, Jan/Feb, p. 35. Standard H.261, Sept/Oct, p. 27.
cellular communications, Sept/Oct, pp. 19-20.
Chen, Cheng-Tie, *By the numbers: Delivering digital video signals*, Jan/Feb, pp. 2-7.
Chynoweth, Alan G., *Simplicity: A key to success in a complex world*, March/April, pp. 2-3.
circuit-pack reliability, May/June, p. 25.
civil liberties, March/April, p. 14.
CLASS℠ services, May/June, pp. 4, 5; July/Aug, p. 20.
CLLI™ codes, Nov/Dec, pp. 24-28.
CLONES (Central Location On-Line Entry System), Nov/Dec, pp. 24-28.
CLONES-NET system, Nov/Dec, pp. 24-28.
coding of video signals, Jan/Feb, pp. 2-7.
collaboration, Jan/Feb, pp. 15-16; Nov/Dec, pp. 8-12.
COMAP (Central Office Memory Administration Program), Nov/Dec, p. 19.
Coming together for information networking, J.S. Fleischman, Jan/Feb, pp. 28-33.
Committee T1 (ANSI), Sept/Oct, p. 22.
COMMON LANGUAGE® system, Nov/Dec, pp. 24-28.
community knowledge, Nov/Dec, pp. 8-12.
COMPASS trials, U S WEST, Sept/Oct, p. 28.
competitive benchmarking, March/April, p. 30.
Component Reliability Assurance Requirements, May/June, p. 28.
compression of speech, May/June, pp. 20, 22.
Connor, David W., *A new voice for the network*, July/Aug, pp. 12-17.
consonant clusters, July/Aug, p. 15.
cooperative work, Jan/Feb, pp. 13-18.
Cooperative work, community knowledge, and computers, Michael J. Muller, Nov/Dec, pp. 8-12.
copresence, Jan/Feb, p. 14.
cordless telephones (analog), Sept/Oct, p. 20.
corporate data layer, Jan/Feb, p. 32.
Corporation for National Research Initiatives (CNRI), July/Aug, p. 8.
COSMOS (Computer System for Mainframe Operations), July/Aug, p. 28.
costs of technologies and services, March/April, pp. 10-11.

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INDEX

Cox, William V., *Customer network management: The next generation*, Sept/Oct, pp. 14-17.
Cross-connects: Tying it all together, Roger E. Story, Ronald P. Zelins, July/Aug, pp. 24-28.
CRUISER™ system, Jan/Feb, pp. 17-18; Nov/Dec, p. 10.
CUSTOMate™ system, Jan/Feb, p. 12.
Customer Name and Address (CNA) service, Sept/Oct, p. 6.
Customer network management: Meeting the need to know, Robert T. Lewis, Jan/Feb, pp. 8-12.
Customer network management: The next generation, William V. Cox, Robert T. Wahl, Sept/Oct, pp. 14-17.
customer satisfaction, March/April, p. 29.
Customer Supplier Quality Process, March/April, p. 31.
customer translation memory, Nov/Dec, p. 19.
Customized Information Delivery — New dimensions in news, Jonathan Rosenberg, March/April, pp. 4-9.
Customized Information Delivery service concept, July/Aug, p. 18; Nov/Dec, p. 7.

D

data collection, network performance, Jan/Feb, pp. 8-12.
data reduction of video signals, Jan/Feb, p. 4.
database access and updates, Sept/Oct, p. 23.
database management, Nov/Dec, pp. 18-23.
DATACYCLE™ system, Sept/Oct, p. 3.
DCOS (Data Collection Operations System), Jan/Feb, p. 12.
DeChiaro, Louis F., *Getting the drop on nature*, March/April, pp. 32-36.
dedicated inside and outside plant, Jan/Feb, p. 33.
delivery segment of INA, Jan/Feb, p. 32.
Deming Prize, March/April, pp. 28-29.
demisyllables, July/Aug, pp. 15-17.
desktop video communications, Sept/Oct, pp. 26-27.
digital loop carrier systems, July/Aug, p. 27.
digital transmission of video, Jan/Feb, pp. 2-7; Sept/Oct, pp. 24-28.
directory assistance, May/June, pp. 18, 20, 23; July/Aug, p. 12; Sept/Oct, p. 3.
display technologies, July/Aug, pp. 18-23.
distance learning, May/June, p. 4; Nov/Dec, pp. 13-17.
distributed cooperative work, Nov/Dec, pp. 3, 8-12.
distributed network architectures, Jan/Feb, p.33.
distributive justice, March/April, p. 12.
DS1 transmission, Sept/Oct, pp. 20, 28.
Duffy, Diane E., *Getting more out of switch memory*, Nov/Dec, pp. 18-23.

E

EBCDIC (Extended Binary Coded Decimal Interchange Code), Nov/Dec, p. 5.
education, Nov/Dec, pp. 13-17.
800 Data Base Service, Sept/Oct, pp. 8-13.
800 Number Administration and Service Center, Sept/Oct, pp. 8, 11.
electrical stress on electronic equipment, May/June, p. 27.
e-mail, Jan/Feb, p. 16; Nov/Dec, pp. 2-7, 10, 14.
electroluminescent display, July/Aug, p. 23.
empirical modeling, Nov/Dec, p. 22.
Enhanced User Access (EUA), Sept/Oct, p. 5.
environmental stress on electronic equipment, May/June, p. 27.
equipment inventory, automated, Jan/Feb, p. 33.
Erasing barriers to learning through telecommunications, Louis M. Gomez, Nov/Dec, pp. 13-17.
ETSI (European Telecommunications Standards Institute), Sept/Oct, p. 22.
Eureka, July/Aug, p. 5.
Europe, March/April, pp. 16-21; July/Aug, pp. 2-6. Computing in, Nov/Dec, p. 5. Market unification of, March/April, p. 29.
Europe and Japan: A telecommunications update, Kathleen P. Weiss, July/Aug, pp. 2-6.
European Community, July/Aug, pp. 2-6.
European Strategic Program for Research in Information Technology (ESPRIT), July/Aug, p. 5.
exception dictionary, May/June, p. 23; July/Aug, pp. 13, 14, 16.
An expanding universe of electronic communication, Nathaniel Borenstein, Nov/Dec, pp. 2-7.
expert systems, Jan/Feb, p. 31.

F

FACS (Facilities Assignment and Control System), Jan/Feb, p. 33.
failure rates of electronic equipment, May/June, pp. 26-28.
Federal Communications Commission (FCC), Sept/Oct, pp. 10, 22-23.
Federal Express Corporation, March/April, pp. 27, 31.
Fiber Distributed Data Interface, May/June, p. 17.
fiber-optic networks, July/Aug, pp. 7-11, 26, 27, 28.
Fiorelli, Maureen A., *Rolling out 800 Data Base Service and Alternate Billing Services*, Sept/Oct, pp. 8-13.
Fiorito, Jack, Profile, Jan/Feb, pp. 19-22.
fishbone diagrams, March/April, pp. 30, 31.
flat-panel display technologies, July/Aug, p. 22.
Fleischman, J.S., *Coming together for information networking*, Jan/Feb, pp. 28-33.
FLEXCOM™ system, Sept/Oct, p. 14.
FLEXCOM/linc system, Sept/Oct, pp. 14-17.
Florida Power & Light, March/April, p. 28.
formality of communication, Jan/Feb, pp. 16-17.
format incompatibility, Nov/Dec, pp. 3, 5, 7.
France, March/April, pp. 16-21; July/Aug, pp. 2-6.
Fredericks, Robert M., *The ripening of video communications*, Sept/Oct, pp. 24-28.
frequency limitations of voice networks, May/June, pp. 21, 23.

G

gateways, March/April, p. 13. Systems for customer network management, Jan/Feb, p. 12.
geographic distribution of names, July/Aug, pp. 14, 15.
Germany, March/April, pp. 16-21.
Gersho, Marvin, *Using neural networks to cut costly errors*, Nov/Dec, pp. 24-28.
Getting more out of switch memory, Andreas Buja, Diane E. Duffy, Jeremy S. Kagan, Nov/Dec, pp. 18-23.
Getting the drop on nature, Louis F. DeChiaro, March/April, pp. 32-36.
Getting together at a distance, Robert E. Kraut, Jan/Feb, pp. 13-18.
Gigabit networks: Superhighways for data, W. David Sincoskie, July/Aug, pp. 7-11.
Gigabit Testbed Initiative, July/Aug, pp. 7-11.
Giles, Dan L., *SMDS: Moving toward the marketplace*, May/June, pp. 14-17.
Globe Metallurgical, Inc., March/April, pp. 27, 30.
Gomez, Louis M., *Erasing barriers to learning through telecommunications*, Nov/Dec, pp. 13-17.
Gore, Senator Albert, July/Aug, p. 8.

H

Harvard Business School, Jan/Feb, p. 14.
Healy, John D., *Predicting equipment reliability*, May/June, pp. 24-28.
Heilmeier, George, July/Aug, p. 22.
hierarchical drawings, Nov/Dec, p. 3.
High Performance Computing and Communications (HPCC), July/Aug, pp. 7-11.
high-definition television (HDTV), July/Aug, p. 6.
hypertext, hypermedia systems, Nov/Dec, pp. 3,7.

I

ICICLE system, Nov/Dec, p. 11.
I/O subsystem, Nov/Dec, p. 6.
informal communication, Jan/Feb, pp. 13-18.
information age, March/April, p. 10.
information and entertainment appliance, July/Aug, p. 18.
information networking, March/April, pp. 2-3, 4-9, 10-15, 16-21; May/June, pp. 2-7.
information networking architecture (INA), Jan/Feb, pp. 28-33.
information utility, March/April, p. 13.
INPLANS (Integrated Network Planning System), May/June, pp. 8-13.
integrated access, Jan/Feb, p. 30.
Integrated Office Communications (IOC), Review, Jan/Feb, p. 34.
integration of network and operations functions, Jan/Feb, pp. 28-33.
intelligent customer-premises equipment, Jan/Feb, pp. 30, 32.
intelligent networks, Sept/Oct, p. 6. Intelligent-network elements, Jan/Feb, p. 31.
interactive messages, Nov/Dec, pp. 3, 6.
interactive multimedia technologies, Nov/Dec, pp. 13-17.
interest groups, March/April, pp. 13, 14.
International Radio Consultative Committee (CCIR), Jan/Feb, p. 4; Sept/Oct, p. 22.

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International Telegraph and Telephone Consultative Committee (CCITT), Jan/Feb, p. 7; July/Aug, pp. 2-6; Nov/Dec, p. 7. Review, Jan/Feb, p. 35. Standard H.261, Sept/Oct, p. 27.
Internet Engineering Task Force, May/June, p. 17.
ISDN (integrated services digital network), Jan/Feb, p. 7; March/April, p. 21; May/June, pp. 2-7, 21; July/Aug, pp. 5, 28; Sept/Oct, pp. 26, 27, 28; Nov/Dec, p. 5. Review, Jan/Feb, p. 35.
Ishikawa diagrams, March/April, p. 30.
ISO (International Organization for Standardization), Jan/Feb, p. 7; March/April, p. 29; July/Aug, p. 5; Nov/Dec, p. 7.

J

jackknife analysis of mathematical models, Nov/Dec, p. 21.
Japan, March/April, pp. 16-21; July/Aug, pp. 2-6. Computing in, Nov/Dec, p. 5.

K

Kagan, Jeremy S., *Getting more out of switch memory*, Nov/Dec, pp. 18-23.
Kahn, Daniel, *Speech technology: Helping people and machines communicate*, May/June, pp. 18-23.
Katz, James E., *Report from the frontier: The social context of information-age services*, March/April, pp. 10-15.
Keeping an eye on technologies for information networking, T.J. Nelson, John R. Wullert II, July/Aug, pp. 18-23.
Kellam-Scott, Barbara, PROFILE *Participating in the national drive for quality*, March/April, pp. 27-31. *Report from the frontier: The social context of information-age services*, March/April, pp. 10-15.
Kichura, John A., *Solid support for packet-network planning and engineering*, May-June, pp. 8-13.
Knoll, Ronald L., *Videotex around the globe*, March/April, pp. 16-21.
knowledge base, Jan/Feb, p. 31.
Kraut, Robert E., *Getting together at a distance*, Jan/Feb pp. 13-18.

L

letter-to-sound rules, May/June, pp. 22, 23; July/Aug, pp. 13, 16.
Lewis, Robert T., *Customer network management: Meeting the need to know*, Jan/Feb, pp. 8-12.
LIDB (Line Information Data Base), Sept/Oct, pp. 4, 12-13.
Liebesman, Burton S. (Sandy), March/April, pp. 27-31.
life-cycle cost analysis, May/June, pp. 25-26.
linear regression, Nov/Dec, p. 22.
linguistic content for speech technologies, May/June, pp. 22, 23.
liquid-crystal display (LCD), July/Aug, p. 22.

M

Mansfield, William H., *New concepts in operator services*, Sept/Oct, pp. 3-7.
market research and planning, March/April, pp. 14, 15.
MARS (multivariate adaptive regression splines), Nov/Dec, p. 22.
matrix addressing, July/Aug, p. 22.
McAleese, Robert J., *When your number's up: Conserving area codes*, March/April pp. 22-26.
Metamail utility program, Nov/Dec, p. 7.
Milliken and Company, March/April, p. 30.
modeling, mathematical, Nov/Dec, pp. 19, 22, 23.
Modification of Final Judgment, Jan/Feb, p. 21.
Monaghen, Irene M., *New concepts in operator services*, Sept/Oct, pp. 3-7.
A more personal kind of communication, Gary G. Brush, Christine H. Butler, Sept/Oct, pp. 18-23.
Moresco, Thomas V., *Rolling out 800 Data Base Service and Alternate Billing Services*, Sept/Oct, pp. 8-13.
Muller, Michael J., *Cooperative work, community knowledge, and computers*, Nov/Dec, pp. 8-12.
multimedia communications, March/April, pp. 4-9; July/Aug, p. 18; Nov/Dec, pp. 13-17.
multimedia electronic mail, Nov/Dec, pp. 2-7.

N

names, pronunciation of, July/Aug, pp. 13-17.
National Coordinating Center, Jan/Feb, p. 21.
National Institute of Standards and Technology (NIST), March/April, pp. 27, 30, 31.
National Quality Award, Malcolm Baldrige, March/April, pp. 27-31.
National Research and Education Network (NREN), July/Aug, pp. 7-11; Nov/Dec, p. 17.
National Security Telecommunications Advisory Committee, Jan/Feb, p. 21.
Nelson, T.J., *Keeping an eye on technologies for information networking*, July/Aug, pp. 18-23.
network data, Jan/Feb, p. 31.
Network Monitoring and Analysis (NMA) system, Jan/Feb, p. 30.
neural networks, Nov/Dec, pp. 24-28.
New concepts in operator services, William H. Mansfield, Irene M. Monaghen, R. David Pettit, Sept/Oct, pp. 3-7.
New England Telephone, March/April, p. 31.
A new voice for the network, David W. Connor, Murray F. Spiegel, July/Aug, pp. 12-17.
New York Telephone, Sept/Oct, p. 11.
Nippon Telegraph and Telephone (NTT), July/Aug, pp. 5, 6.
North American Numbering Plan, March/April, p. 23.
NORTH STAR *Network services: The revenue opportunity of the '90s*, Richard E. Caruso, May/June, pp. 2-7.
NPA (numbering plan area), March/April, p. 23.
NSEP (National Security and Emergency Preparedness) group, Jan/Feb, pp. 19-22.
NXX Plan, Sept/Oct, pp. 9, 10.
NYNEX, May/June, p. 19.

O

obscene phone calls, March/April, p. 15.
Operations Systems Strategic Plan (OSSP), Jan/Feb, p. 32.
operator services, July/Aug, pp. 12-17; Sept/Oct, pp. 3-7, 12.
ORATOR™ software for speech synthesis, May/June, pp. 19, 22, 23; July/Aug, pp. 12-17.
OSCA™ architecture, Jan/Feb, p. 32; Sept/Oct, p. 17.

P

Pacific Bell, Jan/Feb, p. 20.
packet switching, May/June, p. 9.
pagers, Sept/Oct, p. 21.
Pence, J.L. (Pete), March/April, p. 29.
personal communications services, May/June, p. 5; Sept/Oct, pp. 5, 18-23.
Personal Number Calling, March/April, p. 14.
Pettit, R. David, *New concepts in operator services*, Sept/Oct, pp. 3-7.
phonemes, May/June, pp. 18-23. Phoneme-based speech synthesis, July/Aug, pp. 13-17.
physical proximity, Jan/Feb, pp. 14, 15-16.
Picturephone service, Sept/Oct, p. 25.
PixLook, Review, Jan/Feb, p. 34.
plasma display, July/Aug, p. 23.
policy making, March/April, pp. 13, 14.
portability of software, Nov/Dec, p. 6.
Predicting equipment reliability, John D. Healy, May/June, pp. 24-28.
privacy, Jan/Feb, p. 18; March/April, pp. 11-14.
PROFILE *Jack Fiorito — Doing a capital job*, Michael J. Burnett, Jan/Feb, pp. 19-22. *Participating in the national drive for quality*, Barbara Kellam-Scott, March/April, pp. 27-31.
projection CRTs, July/Aug, p. 22.
pronunciation by speech synthesizers, July/Aug, pp. 13-17.
provisioning, Jan/Feb, p. 30.

Q

Quality and Reliability Panel, March/April, p. 31.
quality improvement, March/April, pp. 27-31.
Quality Program Analysis, March/April, p. 29.
Quilt system, Nov/Dec, p. 11.

R

radio frequency spectrum, Sept/Oct, pp. 22, 23.
radio loop access, Sept/Oct, pp. 22, 23.
radio, low-power digital, Sept/Oct, pp. 18-23.
Ragle, Jeffrey L., *Rolling out 800 Data Base Service and Alternate Billing Services*, Sept/Oct, pp. 8-13.
recognition of speech, automated, May/June, pp. 18-23.
regression analysis, Nov/Dec, p. 22.
relational databases, Nov/Dec, p. 20.
Reliability and Quality Generic Requirements (RQGR), May/June, p. 24.

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INDEX

reliability of electronic equipment, May/June, pp. 24-28.
Reliability Prediction Procedure (RPP), May/June, pp. 24-28.
reliability testing for equipment, March/April, pp. 32-36.
RENDEZVOUS™ system, Nov/Dec, p. 12.
Report from the frontier: The social context of information-age services, James E. Katz with Barbara Kellam-Scott, March/April, pp. 10-15.
Research into Advanced Communication Technologies in Europe (RACE), July/Aug, p. 5.
The ripening of video communications, Robert M. Fredericks, Barbara L. Waldman, Paul C. Whitehead, Sept/Oct, pp. 24-28.
Rolling out 800 Data Base Service and Alternate Billing Services, Maureen E. Fiorelli, Thomas V. Moresco, Jeffrey L. Ragle, Sept/Oct, pp. 8-13.
Rosenberg, Jonathan, *Customized Information Delivery — New dimensions in news*, March/April, pp. 4-9.
routing data, Sept/Oct, p. 23.

S

Schwartz, Barry K., "Seeing is believing," July/Aug, p. 20.
SEAG (Switch Engineering Advisory Group), Nov/Dec, p. 21.
security of active electronic messages, Nov/Dec, p. 6.
service activation, Jan/Feb, pp. 32-33.
service negotiation, Jan/Feb, p. 30.
service segment of INA, Jan/Feb, p. 32.
services, information-networking, March/April, pp. 10-15.
Shea, John. F., "One-stop 800-number service for telecommunications companies," Sept/Oct, p. 11.
Sikes, Alfred C., May/June, p. 5.
Simplicity: A key to success in a complex world, Alan G. Chynoweth, March/April, pp. 2-3.
Sincoskie, W. David, *Gigabit networks: Superhighways for data*, July/Aug, pp. 7-11.
SMDS: Moving toward the marketplace, Dan L. Giles, May/June, pp. 14-17.
SMDS (Switched Multi-megabit Data Service), Jan/Feb p. 10; March/April p. 24; May/June, pp. 4, 10, 14-17; Nov/Dec, p. 5.
social equation, March/April, pp. 10, 11, 15.
social processes of communication, Jan/Feb, pp. 13-18.
sociological analysis, March/April, pp. 10-15.
soft dial tone, Jan/Feb, pp. 32-33.
software reliability prediction, May/June, p. 27.
Solid support for packet-network planning and engineering, John A. Kichura, Jonathan L. Wang, Ellen A. White, May/June, pp. 8-13.
Sollenberger, Nelson, "Making it work," Sept/Oct, p. 20.
SONET (synchronous optical network), Jan/Feb, pp. 7, 24, 30; May/June, pp. 5, 11; July/Aug, pp. 9, 27, 28.
Southern New England Telephone, Sept/Oct, p. 12.
Southwestern Bell Telephone Company, Sept/Oct, pp. 11, 12.
speaker-identity verification, May/June, pp. 20, 21-22.
spectral analysis for speech, May/June, pp. 20-22.
speech synthesis, July/Aug, pp. 12-17.
Speech technology: Helping people and machines communicate, Daniel Kahn, May/June, pp. 18-23.
Spiegel, Murray F., *A new voice for the network*, July/Aug, pp. 12-17.
standardization, Sept/Oct, pp. 22, 24-28; Nov/Dec, p. 7.
Stephens, William E., *Terabit switching: Telecommunications in overdrive*, Jan/Feb, pp. 23-27.
stored speech, May/June, p. 18; July/Aug, pp. 12, 17.
Story, Roger E., *Cross-connects: Tying it all together*, July/Aug, pp. 24-28.
strategic data architecture, Jan/Feb, p. 32.
SuperBook™, Review, Jan/Feb, p. 34.
SWF-DS1 (Switched DS1/Switched Fractional DS1) service, Sept/Oct, p. 28.
switch memory engineering, Nov/Dec, pp. 18-23.
SWITCH system, July/Aug, p. 28.
switching at terabit speeds, Jan/Feb, pp. 23-27.
switching-system reliability, May/June, p. 25.
synchronous work, Nov/Dec, pp. 10, 11.
synthesis of speech, automated, May/June, pp. 18-23.

T

technical analysis, May/June, p. 25.
telecommuting, Sept/Oct, p. 27.
teleconferencing, July/Aug, p. 18; Sept/Oct, pp. 24-28.
telemarketing, March/April, p. 12.
telepresence, Jan/Feb, pp. 13-18; July/Aug, p. 18; Sept/Oct, p. 26.
Teletel, March/April, pp. 13, 16-21.
Terabit switching: Telcommunications in overdrive, William E. Stephens, Kenneth C. Young, Jan/Feb, pp. 23-27.
testing, equipment reliability, March/April, pp. 32-36.
theoretical modeling, Nov/Dec, p. 22.
thermal stress on electronic equipment, May/June, pp. 26-27.
TIA (Telecommunications Industry Association), Sept/Oct, p. 22.
Total Cross-connect Automation (TCA), July/Aug, pp. 24-28.
transaction processing, Jan/Feb, p. 33.
trust, March/April, pp. 14-15.
tuples, Nov/Dec, p. 20.
Tzou, Kou-Hu, *By the numbers: Delivering digital video signals*, Jan/Feb, pp. 2-7.

U

U S WEST, March/April, pp. 19, 20; Sept/Oct, pp. 13, 14, 28. U S WEST Communications, March/April, p. 31.
user-centered design, Jan/Feb, p. 30; March/April, pp. 2-3; May/June, p. 5.
Using neural networks to cut costly errors, Marvin Gersho, Nov/Dec, pp. 24-28.

V

very large scale integration (VLSI), Sept/Oct, p. 5.
video communications, July/Aug, p. 18; Sept/Oct, pp. 24-28.
video conferencing, Jan/Feb, pp. 16-17; May/June, p. 4; Sept/Oct, pp. 24-28; Nov/Dec, p. 12.
video mail, Nov/Dec, pp. 2-7.
video visiting, July/Aug, p. 18; Sept/Oct, pp. 24-28.
videophone, Sept/Oct, pp. 26-27, 28.
Videotex around the globe, Ronald L. Knoll, March/April, pp. 16-21. Videotex, March/April, p. 13.
VideoWindow teleconferencing system, Jan/Feb, pp. 16-17; July/Aug, p. 18.
virtual reality, July/Aug, p. 10.
voice mail, July/Aug, p. 17; Nov/Dec, pp. 2-7.

W

Wahl, Robert T., *Customer network management: The next generation*, Sept/Oct, pp. 14-17.
Waldman, Barbara L., *The ripening of video communications*, Sept/Oct, pp. 24-28.
Wang, Jonathan L., *Solid support for packet-network planning and engineering*, May/June, pp. 8-13.
Weiss, Kathleen P., *Europe and Japan: A telecommunications update*, July/Aug, pp. 2-6.
When your number's up: Conserving area codes, Robert J. McAleese, March/April, pp. 22-26.
White, Ellen A., *Solid support for packet-network planning and engineering*, May/June, pp. 8-13.
Whitehead, Paul C., *The ripening of video communications*, Sept/Oct, pp. 24-28.
wideband services, Sept/Oct, pp. 24-28.
wireless telephony, Sept/Oct, pp. 18-23.
Wullert, John R. II, *Keeping an eye on technologies for information networking*, July/Aug, pp. 18-23.

X

Xerox Corporation, Business Products and Systems division, March/April, p. 30.
XGobi, Nov/Dec, p. 23.

Y

Young, Kenneth C., *Terabit switching: Telecommunications in overdrive*, Jan/Feb, pp. 23-27.

Z

Zelins, Ronald P., *Cross-connects: Tying it all together*, July/Aug, pp. 24-28.

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